

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 10/27/98

MSDS # 522220

NEW [X]

REVISED []

PURSELL INDUSTRIES, INC

P O Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS

PURSELL 1-800-874-8892

CHEMTREC 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME Vigoro Centipede Lawn Fertilizer 15-0-15

PRODUCT NUMBER: 522220

CHEMICAL NAME: Polymer-coated Urea, Polymer-coated Sulfur-coated Urea, Urea, Muriate of Potash, Ferrous Sulfate

CHEMICAL CLASS Fertilizer Compound

NFPA RATING Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Inert components	Mixture	NI	10 mg/m ³	100.00

SECTION - III - PHYSICAL CHEMICAL CHARACTERISTICS

Boiling Point NA

Bulk Density: 57-60 lbs/ft³

Vapor Pressure (mmHg): NA

Melting Point NA

Vapor Density (Air =1) NA

Evaporation Rate(Butyl Acetate=1) NA

Solubility in Water Fertilizer chemicals are water soluble. Polyurethane coating is water insoluble.

Appearance and Odor Beige, brown, white, yellow and/or green fertilizer granules Slight fertilizer salt odor

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point NA Flammable Limits LEL NA UEL NA

Extinguishing Media Water spray, dry chemical, CO₂, sand, or fine earth Material is essentially non-flammable.

Special Fire Fighting Procedures. Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire.

Unusual Fire and Explosion Hazards Decomposition products may be toxic. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

SECTION - V - REACTIVITY DATA

Stability Stable

Incompatibility (Materials to avoid) Store separately from acids and bases

Hazardous Decomposition or Byproducts Thermal degradation may produce: Cyanuric acid, ammonia, biuret, hydrogen cyanide, chlorine gas, nitrogen oxides, and sulfur oxides.

Hazardous Polymerization: Will not occur

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry Inhalation; Ingestion

Eyes Dusts may cause moderate irritation. If eye contact occurs, flush eyes with running water for 15 minutes.

Skin Dusts may cause moderate irritation. Wash with soap and water if irritation occurs.

Inhalation Dusts may cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air.

Ingestion Immediately seek medical assistance. Call a physician. The phone number for the National Poison Control Center is (202) 625-3333. If ingested and the person is conscious, give 1 or 2 glasses of water to drink and induce vomiting by touching back of throat with finger. May cause headache, nausea, and vomiting.

Signs and Symptoms of Exposure Irritation to eyes, skin, or respiratory tract. No chronic health effects data have been established.

Other Health Warnings Call a physician if irritation persists. Wash hands with soap and water after handling.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool dry area. Keep out of reach of children and domestic animals. Store separately from feed, food, pesticides, seeds and other fertilizers so that cross contamination does not occur.

Procedures in case of spill or release: If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA approved respirator.

Waste Disposal Method: Apply as fertilizer if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws.

Other Precautions: Washing facilities should be available.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required when applied according to Directions For Use.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.

Protective Clothing: Wear long sleeved shirt, long pants, shoes and socks, and impervious gloves.

Eye Protection: Use of safety glasses with side shields is recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill. Keep animals away from large spills.

SECTION - X - SARA TITLE III REQUIREMENTS

Section 302 Extremely Hazardous Substances: No Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

Section 311/312 Hazardous Substances: No

Section 313 Toxic Chemicals: No

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

NA = NOT APPLICABLE

PURSELL INDUSTRIES, INC.

NI = NOT INDICATED

Contact: Customer Service
Telephone 1-800-874-8892
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